

SAMPLING TYPE	AREA OF CONCERN NUMBER	INTERVAL (feet bgs)	ANALYSES					
			TCL VOC	TCL SVOC	TAL METALS	PCBs	Herbicides and Pesticides	
ON-SITE RANDOM GRID SURFACE AND SUBSURFACE SOIL SAMPLES								
Geoprobe	1N	0 to 0.5	4	4	4	1	1	
		0.5 to 5.0	4	4	4	1	1	
	1S	0 to 0.5	20	20	20	2	2	
		0.5 to 5.0	20	20	20	2	2	
TOTAL FOR ON-SITE AOC-1 RANDOM GRID SAMPLES			48	48	48	6	6	
Unit Cost =			\$ 75.00	\$ 165.00	\$ 215.00	\$ 45.00	\$ 200.00	
Sub Total Cost =			\$3,600.00	\$ 7,920.00	\$ 10,320.00	\$270.00	\$ 1,200.00	
								\$ 23,310.00
QC FOR RANDOM GRID SAMPLES								
QC MS/MSD {1/20 organics}		Various	2	2	N/A	N/A	0	
QC MS/MD {1/20 organics}		Various	N/A	N/A	N/A	0	N/A	
QC trip blank		1	N/A	N/A	N/A	N/A	N/A	
QC field duplicate {1/10}		Various	3	3	3	0	0	
QC EQUIPMENT RINSATE		N/A	2	2	2	0	0	
TOTAL QC SAMPLES			7	7	5	0	0	
Unit Cost =			\$ 75.00	\$ 165.00	\$ 215.00	\$ 45.00	\$ 200.00	
Sub Total Cost =			\$ 525.00	\$ 1,155.00	\$ 1,075.00	\$ -	\$ -	
								\$ 2,755.00
Geoprobe	2	0 to 0.5	4	4	4	1	1	
		0.5 to 5.0	4	4	4	1	1	
	4	0 to 0.5	5	5	5	1	1	
		0.5 to 5.0	5	5	5	1	1	
TOTAL FOR ON-SITE AOC-2 and AOC-4 RANDOM GRID SAMPLES			18	18	18	4	4	
Unit Cost =			\$ 75.00	\$ 165.00	\$ 215.00	\$ 45.00	\$ 200.00	
Sub Total Cost =			\$1,350.00	\$ 2,970.00	\$ 3,870.00	\$180.00	\$ 800.00	
								\$ 9,170.00
QC FOR GRID SOIL SAMPLES								
QC MS/MSD {1/20 organics}		Various	1	1	N/A	N/A	0	
QC MS/MD {1/20 organics}		Various	1	1	N/A	N/A	N/A	
QC trip blank		1	1	1	N/A	0	N/A	
QC field duplicate {1/10}		Various	2	2	2	0	0	
QC equipment rinsate		N/A	1	1	1	0	0	
TOTAL GRID QC SAMPLES			6	6	3	0	0	
Unit Cost =			\$ 75.00	\$ 165.00	\$ 215.00	\$ 45.00	\$ 200.00	
Sub Total Cost =			\$ 450.00	\$ 990.00	\$ 645.00	\$ -	\$ -	
								\$ 2,085.00

OFF-SITE JUDGMENTAL SURFACE AND SUBSURFACE SAMPLES							
Geoprobe	3	0 to 0.5	0	0	0	0	0
		0.5 to 5.0	0	0	0	0	0
	5	0 to 0.5	0	0	0	0	0
		6	0 to 0.5	0	0	0	0
	0.5 to 5.0		0	0	0	0	0
	7	0 to 0.5	0	0	0	0	0
		0.5 to 5.0	0	0	0	0	0
	TOTAL FOR ON-SITE JUDGMENTAL SAMPLES			0	0	0	0

QC FOR OFF-SITE JUDGMENTAL SAMPLES							
QC MS/MSD {1/20 organics}	Various	0	0	N/A	N/A	0	
QC MS/MD {1/20 organics}	Various	N/A	N/A	N/A	0	N/A	
QC trip blank {1/cooler for aqueous VOCs}	N/A	N/A	N/A	N/A	N/A	N/A	
QC field duplicate {1/10}	Various	0	0	0	0	0	
QC EQUIPMENT RINSATE	N/A	0	0	0	0	0	
TOTAL QC SAMPLES		0	0	0	0	0	

OFF-SITE RANDOM GRID SURFACE AND SUBSURFACE SOIL SAMPLES (up to 6 locations)							
Geoprobe	3	0 to 0.5	6	6	6	1	1
TOTAL FOR GRID SAMPLES			6	6	6	1	1
Unit Cost =			\$ 75.00	\$ 165.00	\$ 215.00	\$ 45.00	\$ 200.00
Sub Total Cost =			\$ 450.00	\$ 990.00	\$ 1,290.00	\$ 45.00	\$ 200.00

\$ 2,975.00

QC FOR GRID SOIL SAMPLES							
QC MS/MSD* {1/20 organics}	Various	1	1	N/A	N/A	0	
QC MS/MD* {1/20 organics}	Various	N/A	N/A	N/A	N/A	N/A	
QC trip blank {1/cooler for aqueous VOCs}	N/A	N/A	N/A	N/A	0	N/A	
QC field duplicate {1/10}	Various	1	1	1	0	0	
QC equipment rinsate	N/A	1	1	1	0	0	
TOTAL GRID QC SAMPLES		3	3	2	0	0	
Unit Cost =			\$ 75.00	\$ 165.00	\$ 215.00	\$ 45.00	\$ 200.00
Sub Total Cost =			\$ 225.00	\$ 495.00	\$ 430.00	\$ -	\$ -

\$ 1,150.00

GROUNDWATER SAMPLING (7 Monitor Wells)							
Bailer	1N	Shallow aquifer	2	2	2	1	1
	1S	Shallow aquifer	5	5	5	1	1
TOTAL FOR GRID SAMPLES			7	7	7	2	2
Unit Cost =			\$ 75.00	\$ 205.00	\$ 180.00	\$ 45.00	\$ 200.00
Sub Total Cost =			\$ 525.00	\$ 1,435.00	\$ 1,260.00	\$ 90.00	\$ 400.00
QC FOR AQUEOUS SAMPLES Monitor Wells							
QC MS/MSD* {1/20 organics}	Various		1	1	N/A	N/A	0
QC MS/MD* {1/20 organics}	Various		N/A	N/A	N/A	0	N/A
QC trip blank {1/cooler for aqueous VOCs}	N/A		2	1	N/A	N/A	N/A
QC field duplicate {1/10}	Various		1	1	1	0	0
QC Equipment Rinsate	Various		1	1	1	0	0
TOTAL QC SAMPLES			5	4	2	0	0
Unit Cost =			\$ 75.00	\$ 205.00	\$ 180.00	\$ 45.00	\$ 200.00
Sub Total Cost =			\$ 375.00	\$ 820.00	\$ 360.00	\$ -	\$ -
SURFACE WATER SAMPLING							
Grab	3	Surface	16	16	16	2	2
TOTAL FOR GRID and BACKGROUND SW SAMPLES			16	16	16	2	2
Unit Cost =			\$ 75.00	\$ 165.00	\$ 180.00	\$ 45.00	\$ 200.00
Sub Total Cost =			\$1,200.00	\$ 2,640.00	\$ 2,880.00	\$ 90.00	\$ 400.00
QC FOR AQUEOUS SAMPLES (TEMPORARY WELLS)							
QC MS/MSD* {1/20 organics}	Various		1	1	N/A	N/A	1
QC MS/MD* {1/20 organics}	Various		N/A	N/A	N/A	0	N/A
QC trip blank {1/cooler for aqueous VOCs}	N/A		2	2	N/A	N/A	N/A
QC field duplicate {1/10}	Various		2	2	1	0	0
QC Equipment Rinsate	Various		1	1	1	0	0
TOTAL QC SAMPLES			6	6	2	0	1
Unit Cost =			\$ 75.00	\$ 205.00	\$ 180.00	\$ 45.00	\$ 200.00
Sub Total Cost =			\$ 450.00	\$ 1,230.00	\$ 360.00	\$ -	\$ -

BACKGROUND SAMPLES (JUDGMENTAL)							
Grab	Sediment	0-0.5	12	12	12	0	0
Geoprobe	Surface Soil	0-0.5	6	6	6	0	0
	Subsurface Soil	0.5-5.0	6	6	6	0	0
TOTAL FOR JUDGMENTAL SAMPLES			24	24	24	0	0
Unit Cost =			\$ 75.00	\$ 165.00	\$ 215.00	\$ 45.00	\$ 200.00
Sub Total Cost =			\$1,800.00	\$ 3,960.00	\$ 5,160.00	\$ -	\$ -

\$ 10,920.00

BACKGROUND GROUNDWATER SAMPLING (6 Temporary Wells)							
Bailer	Groundwater	Shallow aquifer	6	6	6	0	0
TOTAL FOR JUDGMENTAL SAMPLES			6	6	6	0	0
Unit Cost =			\$ 75.00	\$ 205.00	\$ 180.00	\$ 45.00	\$ 200.00
Sub Total Cost =			\$ 450.00	\$ 1,230.00	\$ 1,080.00	\$ -	\$ -

\$ 2,760.00

BACKGROUND SURFACE WATER SAMPLING							
Grab	Surface Water	Surface	6	6	6	0	0
TOTAL FOR GRID and BACKGROUND SW SAMPLES			6	6	6	0	0
Unit Cost =			\$ 75.00	\$ 205.00	\$ 180.00	\$ 45.00	\$ 200.00
Sub Total Cost =			\$ 450.00	\$ 1,230.00	\$ 1,080.00	\$ -	\$ -

\$ 2,760.00

QC FOR AQUEOUS SAMPLES (TEMPORARY WELLS)							
QC MS/MSD* {1/20 organics}		Various	2	2	N/A	N/A	0
QC MS/MD* {1/20 organics}		Various	N/A	N/A	N/A	0	N/A
QC trip blank {1/cooler for aqueous VOCs}		N/A	1	1	N/A	N/A	N/A
QC field duplicate {1/10}		Various	2	2	2	0	0
QC Equipment Rinsate		Various	1	1	1	0	0
TOTAL QC SAMPLES			6	6	3	0	0
Unit Cost =			\$ 75.00	\$ 205.00	\$ 180.00	\$ 45.00	\$ 200.00
Sub Total Cost =			\$ 450.00	\$ 1,230.00	\$ 540.00	\$ -	\$ -

\$ 2,220.00

INVESTIGATION-DERIVED WASTE			
Hand sampling device	Site-wide	Drummed Waste	TO BE DETERMINED

QC FOR INVESTIGATION-DERIVED WASTE							
QC MS/MSD* {1/20 organics}		Various	0	0	N/A	N/A	0
QC MS/MD* {1/20 organics}		Various	N/A	N/A	N/A	0	N/A
QC trip blank {1/cooler for aqueous VOCs}		N/A	0	N/A	N/A	N/A	N/A
QC field duplicate {1/10}		Various	0	0	0	0	0
QC Equipment Rinsate		Various	0	0	0	0	0
TOTAL QC SAMPLES			0	0	0	0	0

\* MS/MSD and MS/MDs: These samples do not increase the number of samples, but represent additional volume of sample for laboratory QA/QC. \$ 74,620.00

AOC	Area of Concern	N/A	Not Applicable
bgs	Below Ground Surface	PCB	Polychlorinated Byphenyls
MD	Matrix Duplicate	QC	Quality Control
MS	Matrix Spike	SVOC	Semivolatile Organic Compound
MSD	Matrix Spike Duplicate	VOC	Volatile Organic Compound

With respect to performing o2/u water analysis, often there is a concern to report the lowest possible detection limit for the PAM's for risk purposes. If this is the case, Accutest suggests running in addition to the full o2/u scan a separate SIM analysis to reach the lowest PAM reporting levels possible. The laboratory performs this by analyzing the R270 sample extract a second time in SIM mode. A nominal \$40.00 charge is incurred per water sample for the additional SIM analysis.